

PTO FORM 4/92

Page 1 of 3

**FORM PTO - 1449  
LIST OF PATENTS AND PUBLICATIONS  
FOR APPLICANT'S INFORMATION  
DISCLOSURE STATEMENT****ATTY DOCKET. 19789-13 DIV  
APPLICANT van Ooij, et al.  
FILING DATE August 8, 2003  
FOR Silane Coatings for Bonding  
Rubber to Metal****SERIAL NO.  
10/637,158  
GROUP  
1762****UNITED STATES LETTERS PATENT**

Exr. Init.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
ECC	2 1 1 0 4 6 1	07/26/94	Canada	—	—
	0 4 3 5 7 8 1 A2	07/03/91	EPO	—	—
	0 5 3 3 6 0 6 A1	03/24/93	EPO	—	—
	0 5 7 9 2 5 3 B1	0/19/94	EPO	—	—
	3 4 4 3 9 2 6A1	06/12/86	Germany	—	—
	53 3 0 7 6	02/02/78	Japan	—	—
	56 1 6 1 4 7 5	12/11/81	Japan	—	—
	58 5 2 0 3 6	11/19/83	Japan	—	—
	60 2 0 8 4 8 0	10/21/85	Japan	—	—
	60 8 1 2 5 6	05/09/85	Japan	—	—
	60 2 1 3 9 0 2	10/26/85	Japan	—	—
	62 7 5 3 8	01/14/87	Japan	—	—
	62 5 7 4 7 0	03/13/87	Japan	—	—
	63 3 4 7 9 3	07/12/88	Japan	—	—
	63 9 7 2 6 6	04/27/88	Japan	—	—
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	5 3 3 2 7 5	05/19/93	Japan	—	—
	6 1 8 4 7 9 2	07/05/94	Japan	—	—
	WO 98 3 0 7 3 5	07/16/98	PCT	—	—
	WO 99 2 0 6 8 2	04/29/99	PCT	—	—
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	WO 99 6 7 4 4 4	29 Dec 1999	PCT	—	—
ECC	WO 00 3 8 8 4 4	6 July 2000	PCT	—	—

**OTHER ART (INCLUDING AUTHOR, TITLE DATE, PERTINENT PAGES, ETC.)**

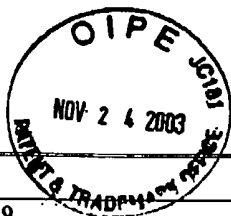
ECC	Buchwalter, L.P., et al. Adhesion of polyimides to ceramics: Effects of aminopropyltriethoxysilane and temperature and humidity exposure on adhesion, <i>J. Adhesions Sci. Technol.</i> , Vol. 5, No. 4, pp. 333-343 (1991)
ECC	Cruse, R. W., et al., Effect of Polysulfidic Silane Sulfur on Rolling Resistance, <i>Rubber &amp; Plastic News</i> , pp. 14-17 (April 21, 1997)
ECC	Henriksen, P.N., et al. Inelastic electron tunneling spectroscopic studies of alkoxysilanes adsorbed on alumina, <i>J. Adhesion Sci. Technol.</i> , Vol. 5, No. 4, pp.321-331 (1991)

EXAMINER: ERMA CAMERON

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8/17/04

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5cc	Homstrom, S.E., et al., Paint Adhesion and Corrosion Performance of Chromium-Free Pretreatment of 55% Al-Zn-coated Steel, <i>J. Adhesion Sci. Technol.</i> Vol. 10, No. 9, pps. 883-904 (1996)
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	Plueddemann, Edwin P., Silane primers for epoxy adhesives, <i>J. Adhesion Sci. Technol.</i> , Vol. 2, No. 3, pp. 179-188 (1988)
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	Plueddemann, Edwin P., et al. Adhesion Enhancing Additives for Silane Coupling Agents, 42nd Annual Conference, Composites Institute, The Society of the Plastics Industry, Inc., (February 2-6, 1987)
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	Sabata, A., et al., Trends toward a better understanding of the interface in painted metals, <i>Trends in Corrosion Research</i> , 1, pp. 181-193 (1993)
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	van Ooij, W. J., et al. Characterization of Films of Organofunctional Silanes by ToF-SIMS, <i>Surface and Interface Analysis</i> , Vol. 20, pp.475-484 (1993)
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	van Ooij, W. J., et al. Novel Silane-Based Pretreatments of Metals to Replace Chromate and Phosphate Treatment, <i>2nd Annual Advanced Techniques for Replacing Chromium: An Information Exchange</i> , prepared by David S. Vizslay, Concurrent Technologies Corp. NDCEE, Seven Springs Mountain Resort, Champion, PA (November 7-8, 1995) pp. 287-310
	van Ooij, W. J., et al. On the Use, Characterization and Performance of Silane Coupling Agents Between Organic Coatings and Metallic or Ceramic Substrates, <i>American Institute of Physics</i> , pp. 305-321 (1996)
	van Ooij, W. J., et al., Silane-Based Pretreatments of Al and its Alloys as Chromate Alternatives, <i>Aluminium Surface Science Technology</i> , "Elzenveld" Antwerp-Belgium, (May 12-15, 1997)
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ECC	van Ooij, W. J., et al., Pretreatment of Metals for Painting by Organofunctional Silanes, Extended Abstract of Paper Presented at 1997 International Symposium on Advances in Corrosion Protection by Organic Coatings, Noda, Japan (October 29-31, 1997)

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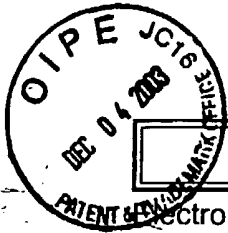
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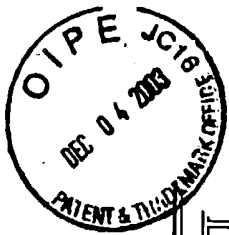


## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18  
Stylesheet Version v18.0

Title of Invention	Silane Coatings for Bonding Rubber to Metals																																																																																
<p>Application Number: 10/637158 Confirmation Number: 2918 First Named Applicant: Wim van Ooij Attorney Docket Number: 19789-13 DIV Art Unit: 1762 Examiner: Erma Cameron Search string: ( 2751314 or 3022196 or 3246671 or 3476826 or 3816152 or 3842111 or 3873334 or 3879206 or 3960800 or 4000347 or 4015044 or 4059473 or 4064313 or 4151157 or 4152347 or 4179537 or 4210459 or 4231910 or 4243718 or 4315970 or 4401500 or 4409266 or 4441946 or 4457970 or 4461867 or 4489191 or 4534815 or 4618389 or 4681636 or 4719262 or 4863794 or 5051129 or 5073195 or 5073456 or 5108793 or 5203975 or 5217751 or 5221371 or 5292549 or 5322713 or 5326594 or RE34675 or 5363994 or 5389405 or 5393353 or 5405985 or 5412011 or 5433976 or 5455080 or 5466848 ).pn.</p>																																																																																	
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10	4000347	1976-12-28	Ranney et al.
11	4015044	1977-03-29	Ranney et al.
12	4059473	1977-11-22	Okami
13	4064313	1977-12-20	Takiguchi et al.
14	4151157	1979-04-24	Williams et al.
15	4152347	1979-05-01	Pletka et al.
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17	4210459	1980-07-01	Williams et al.
18	4231910	1980-11-04	Plueddemann
19	4243718	1981-01-06	Murai et al.
20	4315970	1982-02-16	McGee
21	4401500	1983-08-30	Hamada et al.
22	4409266	1983-10-11	Wieczorrek et al.
23	4441946	1984-04-10	Sharma
24	4457970	1984-07-03	Das et al.
25	4461867	1984-07-24	Surprenant
26	4489191	1984-12-18	Chung, deceased
27	4534815	1985-08-13	Hamada et al.
28	4618389	1986-10-21	Agodoa
29	4681636	1987-07-21	Saito et al.
30	4719262	1988-01-12	Plueddemann
31	4863794	1989-09-05	Fujii et al.
32	5051129	1991-09-24	Cuthbert et al.
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34	5073456	1991-12-17	Palladino
35	5108793	1992-04-28	van Ooij et al.
36	5203975	1993-04-20	Richardson
37	5217751	1993-06-08	King et al.
38	5221371	1993-06-22	Miller
39	5292549	1994-03-08	van Ooij et al.
40	5322713	1994-06-21	van Ooij et al.
41	5326594	1994-07-05	Sabata et al.
42	RE34675	1994-07-26	Plueddemann deceased
43	5363994	1994-11-15	Angeline
44	5389405	1995-02-14	Purnell et al.
45	5393353	1995-02-28	Bishop
46	5405985	1995-04-11	Parker et al.

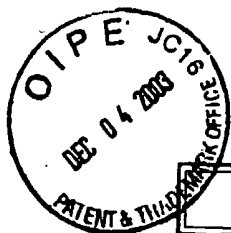


ea	47	5412011	1995-05-02	Morris et al.
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Examiner Name	Date
ERMA CAMERON	8/17/04

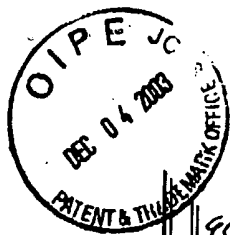


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Ex	17	5907015	1999-05-25	Sexsmith	—	—
Ex	18	6162547	2000-12-19	van Ooij et al.	—	—
Ex	19	6057040	2000-05-02	Hage	—	—
Ex	20	6071566	2000-06-06	Brown et al.	—	—
Ex	21	6132808	2000-10-17	Brown et al.	—	—
Ex	22	6409874	2002-06-25	Van Der Aar et al.	—	—

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